



## 义乌市污水处理厂（二厂和三厂） Yiwu Wastewater Treatment Plant (2<sup>nd</sup> and 3<sup>rd</sup> Phase)

### 项目简介 Summary

地点：浙江省义乌市

Location: Yiwu, Zhejiang Province

污水类型：市政污水

Type of Wastewater: Municipal Wastewater

工艺：立式表曝型氧化沟工艺

Technology: Vertical Shaft Surface Aeration Oxidation  
Ditch Process

用户：义乌污水处理有限公司

End User: Yiwu Wastewater Treatment Co., Ltd

处理能力：100,000m<sup>3</sup>/天

Capacity: 100,000m<sup>3</sup>/d

项目进展：合同谈判中

Project status: Contract negotiation

### 项目概要 Key Features

- 义乌市作为世界知名的小商品之城，环境优劣事关城市的形象和品牌。所以义乌污水处理厂项目被列为浙江省重点工程之一。该项目包括义务第二和第三污水处理厂。二厂由上海化工设计院设计，三厂由上海市政院设计。

As a globally known commodity center, Yiwu city is very concerned with its environmental condition and quality. As such, the construction of the new wastewater treatment plant is considered one of the most significant environmental projects in Zhejiang Province. The project includes the second and third wastewater treatment plant and was respectively designed by the Shanghai Chemical Design Institute and Shanghai Municipal Design Institute.

- 本项目采用立式表曝型氧化沟工艺。核心设备采用具有卓越性能的 Landy-F 表曝机。该表曝机具有其他叶轮无法比拟的充氧动力效率，而且运行稳定、叶轮不堵塞、经久耐用。该工艺带有前置厌氧区和缺氧区，具备优越的生物脱氮和除磷功能。设计出水水质将完全达到国家标准《城镇污水处理厂污染物排放标准》（GB18918-2002）中的一级 B 标准。The project was designed based on the Vertical Shaft Surface Aeration Oxidation Ditch Process. The key equipment is Landy-F aerator with its excellent performance. The unique impeller design provides for un-paralleled oxygen transfer efficiency and stable, non-clogging and reliable operation. The Vertical Shaft Surface Aeration Oxidation Ditch Process provides both nitrification and de-nitrification as well as biological phosphorous removal. The design effluent quality will be fully compatible with the requirements of Class 1 type B as defined in GB18918-2002.



- 金科环保工程公司负责义乌污水处理厂的氧化沟部分工艺设计、设备供货、安装调试指导、售后服务和水质担保。供货范围包括：立式表曝机、内回流门和 PLC 控制系统。

GreenTech's Scope in this project includes Oxidation Ditch process design and engineering, equipment supply and installation, plant commissioning and start-up, after sale services and the effluent guarantee. The equipments provided include: vertical surface aerators, internal recirculation gate and the PLC automation control system.